



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

1258-1408

Date of Issuance:

2/18/2020

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

IWC 5300-10 Anionic Compatible
Microbiocide

Name and Address of Registrant (include ZIP Code):

Stephanie Stephens
Authorized Representative
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Eric Miederhoff, Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

2/18/2020

2. You are required to comply with the data requirements described in the DCI identified below:

a. DDAC GDCI-069166-30875; 069166-1737

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 1258-1408.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/08/2019
- Alternate CSF 1, 3-6 dated 11/08/2019

If you have any questions, you may contact Joseph Daniels at (703) 347-8669 or via email at Daniels.joseph@epa.gov.

Enclosure

IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDES

Twin-Chain Quaternary
Ammonium Compound Concentrate
Low Foam Water Treatment Microbiocide and General Algicide
(For Building and Industrial Cooling Water Systems [and] [Decorative Fountains])

Active Ingredient:

Diocetyl dimethyl ammonium chloride	10%
Other Ingredients	90%
	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

{Note to Reviewer. The signal word for this product is "DANGER". The following components of this master label, at a minimum, will appear on the front panel of all distribution labels. If the distribution label has a single panel and multiple columns, these components will appear in the center column or in an immediately adjacent column: Product Brand Name, Ingredient Statement, Signal Word, Child Hazard Warning, First Aid Statement, Company Name and Address, EPA Registration Number, EPA Establishment Number.}

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

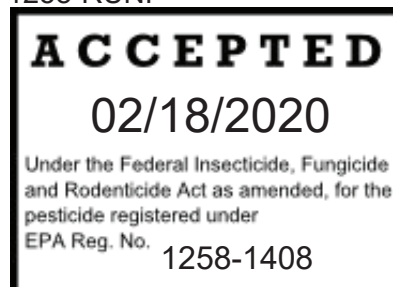
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE (SIDE) PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.
EPA Establishment No.
Net Weight
Volume

1258-RUNI



Manufactured by:
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses, or face shield), protective clothing, and protective gloves (chemical resistant or rubber gloves). Harmful if swallowed, absorbed through the skin, or inhaled. Do not breathe vapor. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

{For container sizes under 5 gallons (swimming pool use), the following Environmental Hazards statements will be used:}

This product is toxic to fish and aquatic organisms.

{Note to reviewer: If container size is 5 gallons or greater, use the following Environmental Hazards statements:}

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

The presence of foam in [recirculating cooling towers] [building and industrial cooling water systems] [and] [decorative fountains] impairs the [performance] [and] [aesthetics] of the unit. Loss of heat transfer and pressure fluctuations are two of the problems encountered when foam is present in the recirculating water system.

One of the possible causative agents is the microbiocide added to control algae and [algae slimes] [microbial slimes] [bacterial slimes]. IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDE, by design, is a low foaming microbiocide. When used as directed, IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDE will control algae and [algae slimes] [microbial slimes] [bacterial slimes] found in [recirculating cooling tower waters] [building and industrial cooling water systems] [and] [decorative fountains] and not introduce a foam problem.

IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDE helps clean and loosen slime debris from [cooling system] [and] [decorative fountain] surfaces. When used in slug dose, no other microbiocide is required.

IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDE is economical to use because it is concentrated. It should be handled with care.

IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDE is efficient, economical and stable in use dilution.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

When used as directed, IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDES helps to control algae and [algae slimes] [microbial slimes] [bacterial slimes] in [industrial recirculating cooling water systems] [and] [decorative fountains]. Product addition must be made with a metering pump. Product may be fed continuously or on an intermittent basis depending on the degree of system fouling and retention time.

[RECIRCULATING COOLING TOWERS] [BUILDING AND INDUSTRIAL COOLING WATER SYSTEMS]

Initial Dose: Add 80 oz. per 1,000 gallons of water (60 ppm active).

Should the above dosage not give satisfactory results, use 105 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days, or increase the frequency if needed. Heavily [contaminated] [fouled] systems must be precleaned.

Maintenance Dose: Once control is achieved, add 30 to 45 oz. per 1,000 gallons of water weekly or as needed to maintain control. Cooling water systems that are inherently low in [algae] [microbial] growth may be adequately controlled by the lower range of these dosages. Slug feed every seven days.

The product must be added at a point in the system where it will be uniformly mixed and distributed such as the [sump of the system] [tower sump].

FOR [ONLY] ALGAECIDAL CONTROL IN [RECIRCULATING COOLING TOWERS] [BUILDING AND INDUSTRIAL COOLING WATER SYSTEMS] AND DECORATIVE FOUNTAINS

When used as directed, IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDES helps to control algae in [industrial recirculating cooling water systems] [building and industrial cooling water systems] [and] [decorative fountains]. Product addition must be made with a metering pump and may be fed continuously or on an intermittent basis depending on the degree of system fouling and retention time. Product must be added at a point in the system where it will be uniformly mixed and distributed throughout the system.

Initial Dose: Add 6.7 to 80 oz. per 1,000 gallons of water (5 to 60 ppm active). Repeat the initial dose every seven days or increase the frequency if needed. Heavily [contaminated] [fouled] systems must be precleaned.

Maintenance Dose: Once control is achieved, add 6.7 to 26.7 oz. per 1,000 gallons of water (5 to 20 ppm active) weekly, or as needed to maintain control.

DECORATIVE FOUNTAINS

Before draining a treated fountain, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated fountain water to any location that flows to a gutter or storm drain or natural water body unless discharge is allowed by state and local authorities.

When used as directed, IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDES controls algae and {algal slimes} [microbial slimes] [bacterial slimes] in decorative fountains. For maximum effectiveness, fountains containing heavy algae growth should be cleaned prior to using IWC 5300-10 ANIONIC COMPATIBLE MICROBIOCIDES. The product must be added at a point in the system where it will be uniformly mixed and distributed throughout the fountain.

Initial Dose: Fountains having visible algae growth require an initial dose of 80 oz. per 1,000 gallons of water (60 ppm active). Should the above dosage not give satisfactory results, use 105 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.

Maintenance Dose: Once control is achieved, add 30 to 45 oz. per 1,000 gallons of water weekly, or as needed to maintain control.

(Note to reviewer: For Nonrefillable Containers, Ready to Use Household/Residential Use Products)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

(Note to reviewer: Nonrefillable Containers, Ready-To-Use Products for Commercial/Institutional/Industrial Uses)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container.

(Plastic Containers:) Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke

(Metal Containers:) Triple rinse (or equivalent). Offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities.

(Bag in Box Containers:) Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.